

devices with the composition of claims 40-42 prior to implantation.

44. The composition of claim 40, wherein said medical device is selected from the group consisting of artificial skin, artificial joints, stents for blood vessels, pacemakers, synthetic blood vessels, stents for abdominal support, live tissue transplants, prostheses, dental implants and breast implants.

45. A medical device for implantation in or upon tissues coated with an anti-inflammatory composition.

46. A medical device of claim 45, wherein said anti-inflammatory composition comprises a non-bovine, highly sulfated proteoglycan and a flavonoid compound.

47. The device of claim 46, wherein said proteoglycan is chondroitin sulfate.

48. The device of claim 46, wherein said flavonoid compound is quercetin, myricetin or genistein.

49. A medical device of claim 43, wherein said medical device is selected from the group consisting of artificial skin, artificial joints, stents for blood vessels, pacemakers, synthetic blood vessels, stents for abdominal support, live tissue transplants, prostheses, dental implants, ocular and breast implants.

Remarks

It is the applicant's intent to limit the prosecution of this continuation-in-part/divisional patent application to claims for compositions for pre-coating medical devices that are to be implanted in tissues, the uses of such coated medical devices to protect against inflammation of surrounding tissues, and the coated devices themselves. All elements of these claims are supported in the specification.

To accentuate this limitation, the title of this application is also being amended, as recited above.

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Respectfully submitted,



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